

## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
27 May 2004 (27.05.2004)

PCT

(10) International Publication Number  
WO 2004/044159 A2

(51) International Patent Classification<sup>7</sup>: C12N

(21) International Application Number: PCT/US2003/035752

(22) International Filing Date: 10 November 2003 (10.11.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/425,404	12 November 2002 (12.11.2002)	US
60/440,907	15 January 2003 (15.01.2003)	US
60/442,477	24 January 2003 (24.01.2003)	US
60/448,565	18 February 2003 (18.02.2003)	US
60/460,716	4 April 2003 (04.04.2003)	US
60/461,853	9 April 2003 (09.04.2003)	US

(71) Applicant (for all designated States except US): INCYTE CORPORATION [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): LEE, Soo Yeun [US/US]; 40 Westdale Avenue, Daly, CA 94015 (US). SWARNAKAR, Anita [CA/US]; 8 Locksley Avenue #5D, San Francisco, CA 94122 (US). MURAGE, Jagi [US/US]; 1025 Foxchase Drive, San Jose, CA 95123 (US). KHARE, Reena [IN/US]; 12650 Orella Court, Saratoga, CA 95070 (US). HAFALIA, April, J.A. [US/US]; 15 Midvale Drive, Santa Clara, CA 94015 (US). CHAWLA, Narinder, K. [US/US]; 33 Union Square, #712, Union City, CA 94587 (US). ELLIOTT, Vicki, S. [US/US]; 3770 Polton Place Way, San Jose, CA 95121 (US). TRAN, Uyen, K. [US/US]; 2638 Mabury Square, San Jose, CA 95133 (US). BECHA, Shanya, D. [US/US]; 1 Saint Francis #5508, San Francisco, CA 94107 (US). BHATIA, Umesh [US/US]; 5212 Union Avenue, San Jose, CA 95124 (US). BURRILL, John, D. [US/US]; 2218 Brewster Avenue, Redwood City, CA 94062 (US). LEE, Sally [US/US]; 1389 via de los Reyes, San Jose, CA 95120 (US). BLAKE, Julie, J. [US/US]; 3818 Pacheco Street, San Francisco, CA 94116 (US). HO, Anne [FR/US]; 1279 Poplar Avenue, #114, Sunnyvale, CA 94086 (US). ZHENG, Wenjin [CN/US]; 9 Sutter Creek Lane, Mountain View, CA 94043 (US). MARQUIS, Joseph, P. [US/US]; 4428 Lazy Lane, San Jose, CA 95135 (US). JIN, Pei [US/US]; 320 Curtner Avenue #D, Palo Alto, CA 94306 (US). WILSON, Amy, D. [US/US]; 5301 Newcastle Avenue, #30, Encino, CA 91316 (US). WANG, Jonathan, T. [US/US]; 173 Campbell Drive, Mountain View, CA 94043 (US). CHIEN, David [US/US]; 444 Yerba Buena Avenue, Los Altos, CA 94022 (US). RICHARDSON, Thomas, W. [US/US]; 616 Canyon Road #107, Redwood City, CA 94062 (US). KABLE, Amy, E. [US/US]; 9403 Curran Road, Silver Spring, MD 20901 (US). EMERLING, Brooke, M. [US/US]; 833 W. Buena Avenue #2108, Chicago, IL 60613 (US). RAMKUMAR, Jayalaxmi [IN/US]; 34359 Maybird Circle, Fremont, CA 94555 (US). BAUGHN, Mariah, R. [US/US]; 8547 W. Horner Street, Los Angeles, CA 90035 (US). TANG, Y., Tom [US/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). JACKSON, Jennifer, L. [US/US]; 1826 Rina Court, Santa Cruz, CA 95062 (US). LAL, Preeti, G. [US/US]; P.O. Box 5142, Santa Clara, CA 95056 (US). YUE, Henry [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). GIETZEN, Kimberly, J. [US/US]; 691 Los Huecos Drive, San Jose, CA 95123 (US).

(74) Agents: HAMLET-COX, Diana et al.; Incyte Corporation, 3160 Porter Drive, Palo Alto, CA 94304 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:  
— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: RECEPTORS AND MEMBRANE-ASSOCIATED PROTEINS

(57) Abstract: Various embodiments of the invention provide human receptors and membrane-associated proteins (REMAP) and polynucleotides which identify and encode REMAP. Embodiments of the invention also provide expression vectors, host cells, antibodies, agonists, and antagonists. Other embodiments provide methods for diagnosing, treating, or preventing disorders associated with aberrant expression of REMAP.

WO 2004/044159 A2